

# Comparisons of Job Characteristics

**Focus Occupation:** [Highway Maintenance Workers \(47-4051\)](#)

**Associated Occupation:** [Landscaping and Groundskeeping Workers \(37-3011\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 58

**Focus Occupation:** Highway Maintenance Workers (47-4051)

**Associated Occupation:** Landscaping and Groundskeeping Workers (37-3011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	10.8	11.0	0 Current knowledge level may be sufficient
Building and Construction	4.0	4.7	12.2	>> Current knowledge level is likely more than sufficient
Transportation	4.6	4.0	10.6	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 85

**Focus Occupation:** Highway Maintenance Workers (47-4051)

**Associated Occupation:** Landscaping and Groundskeeping Workers (37-3011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	9.0	11.4	> Skill level is likely sufficient
Repairing	3.4	5.3	7.9	>> Skill level is likely more than sufficient
Equipment Maintenance	3.5	5.1	8.3	>> Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 87

**Focus Occupation:** Highway Maintenance Workers (47-4051)

**Associated Occupation:** Landscaping and Groundskeeping Workers (37-3011)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Multilimb Coordination	6.0	11.2	12.9	>	Current ability level is likely sufficient
Arm-Hand Steadiness	6.8	10.2	11.0	0	Current ability level may be sufficient
Control Precision	6.6	10.2	13.3	>>	Current ability level is likely more than sufficient
Static Strength	5.0	9.8	10.1	0	Current ability level may be sufficient
Extent Flexibility	4.8	8.8	8.1	0	Current ability level may be sufficient
Trunk Strength	5.7	8.6	9.8	>	Current ability level is likely sufficient
Gross Body Equilibrium	3.2	5.4	5.0	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 70

**Focus Occupation: Highway Maintenance Workers (47-4051)**  
**Associated Occupation: Landscaping and Groundskeeping Workers (37-3011)**

Work Activities	Exclusivity of Activity
Drive truck with capacity greater than 3 tons	72
Mix paint, ingredients, or chemicals, according to specifications	35
Move or fit heavy objects	8
Operate tractor with accessories or attachments	76
Use hand or power tools	2

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 85

**Focus Occupation: Highway Maintenance Workers (47-4051)**  
**Associated Occupation: Landscaping and Groundskeeping Workers (37-3011)**

Tools and Technologies	Exclusivity
Agricultural machinery for planting and seeding	33
Agricultural machinery for soil preparation	35
Building construction machinery and accessories	25
Cleaning equipment	11
Content authoring and editing software	1
Dispensing tools	6
Dispersing and spraying appliances for agriculture	26
Earth moving machinery	11
Forming tools	2

Garden tools	12
Heavy equipment components	21
Information exchange software	1
Ladders and scaffolding	6
Length and thickness and distance measuring instruments	2
Lifting equipment and accessories	3
Paint applicators and painting accessories	15
Paving equipment	35
Power generators	16
Power tools	2
Product and material transport vehicles	13
Pumps	9
Soldering and brazing and welding machinery and supplies	6
Specialized and recreational vehicles	17
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.